
**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/580,948
Filing Date	May 30, 2006
First Named Inventor	Tatsuo KATAOKA
Art Unit	2811
Examiner Name	C., Arbes
Attorney Docket Number	1217-061417

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
 Fee Attached
 Amendment/Reply
 After Final
 Affidavits/declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Documents
 Response to Missing Parts/
Incomplete Application
 Reply to Missing Parts
Under 37 CFR 1.52 or 1.53

- Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a
Provisional Application
 Power of Attorney, Revocation
Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s)

- After Allowance communication
to TC
 Appeal Communication to Board
of Appeals and Interferences
 Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please
identify below)

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The Webb Law Firm
Signature	
Printed Name	Kent E. Baldauf
Date	March 13, 2007

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Diane Paull

Date 03-13-2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.A./

Appl. No. 10/580,948
 IDS dated March 13, 2007
 Attorney Docket No. 1217-061417

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/580,948 Confirmation No. 8887
 Applicants : Tatsuo KATAOKA et al.
 Filed : May 30, 2006
 Title : Printed Wiring Board, Its Manufacturing Method and Circuit Device
 Art Unit : 2811
 Examiner :
 Customer No. : 28289



**INFORMATION DISCLOSURE STATEMENT
 TRANSMITTED BEFORE MAILING OF FIRST OFFICE ACTION**

MAIL STOP AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants hereby submit this Information Disclosure Statement together with a completed Form PTO/SB/08.

This application is the United States national phase of PCT Application No. PCT/JP2004/017943. The International Search Report dated January 25, 2005, for the underlying PCT application identified three of the references listed on Form PTO/SB/08. Copies of the Japanese references are submitted with this Information Disclosure Statement. The degree of relevance for the non-English language references listed on Form PTO/SB/08 is indicated in the International Search Report. A copy of the International Search Report is enclosed for the Examiner's convenience.

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required to Deposit Account No. 23-0650.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on March 13, 2007.

Diane Paull

(Name of Person Mailing Document)

Diane Paull 03/13/2007
 Signature Date

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /C.A./

Receipt date: 03/16/2007

10580948 - GAU: 3729

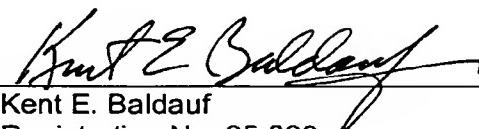
Appl. No. 10/580,948
IDS dated March 13, 2007
Attorney Docket No. 1217-061417

This Information Disclosure Statement is submitted in duplicate.

Respectfully submitted,

THE WEBB LAW FIRM

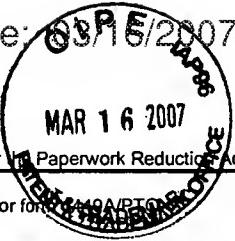
By



Kent E. Baldauf
Registration No. 25,826
Attorney for Applicants
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219
Telephone: 412-471-8815
Facsimile: 412-471-4094

Receipt date: ~~03/16/2007~~

10580948 - GAU: 3729



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08a (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 5449A/PTC
FEDERAL TRADE COMMISSION

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/580,948
				Filing Date	May 30, 2006
				First Named Inventor	Tatsuo KATAOKA
				Art Unit	2844
				Examiner Name	C. Arbes
Sheet	1	of	1	Attorney Docket Number	1217-061417

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		JP(1996) 8-186351 A	07-16-1996	Shirai	U.S. equivalent '739	
		JP(2001) 2001-223461 A	08-17-2001	Sony Chemicals	English Abstract attached	
		JP(1995) 7-161893 A	06-23-1995	Hitachi Cable	English Abstract attached	
		JP(2003) 2003-188495 A	07-04-2003	Sumitomo Metal Mining	English Abstract attached	
		JP(2003) 2003-282651 A	10-03-2003	Shindo Denshi Kogyo	English Abstract attached	

Examiner Signature /Carl Arbes/ Date Considered 1/2/08

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-P-TO-9199 and select option 2.